<u>underlined</u> = deleted in targeting construct

BOLD = sequence flanking Neo insert in targeting construct

```
CGCCTGTGCCCTCTGCCTGGGAGCCTGGGGCCGCCTGTCTGCGCGGTCCGGATGCGCTCAGGTCAAGGTTCCT
TTCGCGGCTGTCTCCCAAGCCCCTAACTAGTGACTTCCACTGTGGCGGGCAGGGAAGCCATTGGCAGAACCTA
GCCAGTCAGGAATCTGCATCTCTTCCCTCATTATCCTCTCGCCTGGCATTGCTTTGCTCGGGTCCAGCTCAGTT
GGTGACGCGGCCCCTTCTCCCCAGGTTGGGATCCACGGAAGCAGGGGTGCAGGCCGGCCAGGCACTGTGCCAT
GAGCCAGAGCCCGAGGGTCGTGACCCGGAGGGGCGGCTCTCTAAAGGCTGCCTCCTGGAGCCGGCACCCGGCGC
AACGGAGCCAGGACTATTTGCTGATGGACGAGCTGGAGAGGACTGGCTACCTCGTAGCTCCCGCTGCCACCGT
ATGGCTACTACCCAGCTTCCGGGGTAATGAAAACAGACTGACTCACCGGCGGCAGACGATTCTTCGTGAGAA
GGGAAGAAGGTTAGCTAATCGAGGACCAGCATACATGTTTAATGATCATTCAACAAGCCTGTCTATTGAGGAA
GAACGCTTTCTAGATGCAGTTGAATATGGCAACATCCCAGTGGTCTGGAAGATGCTAGAAGAGTGTCATTCCC
TCAATGTTAACTGTGTGGATTACATGGGCCAGAAATGCCCTACAGCTGGCTGTGGCCAATGAGCACTTGGAAAT
CACAGAGCTTGCTACTCAAGAAGGAAAACTTTGTGTCCGAGTTGGGGATGCTTTACTTTTAGCCATTAGTAAAGGT
TATGTACGGATTGTGGAGGCAATCCTCAACCATCCATCTTTTGCTGAAGGCAAAAGGTTAGCGACAAGCCCCA
GCCAGTCTGAACTTCAGCAAGATGACTTTTATTGCCTATGATTGAAGATGGGACTGCGGTTCTCCCATGATGTGAC
TCCAATCATTCTCGCTGCACATTGCCAGGAATATGAAATTGTGCATACCCTCCTGAGAAAGGGTGCCCGGATT
GAGCGGCCTCATGATTACTTCTGCAAGTGTACAGAATGCAGCCAGAAGCAGAAGCATGATTCCTTCAGCCACT
CTAGATCCAGGATCAATGCATACAAAGGTCTGGCAAGTCCAGCATACCTGTCATTGTCCAGTGAAGATCCAGT
CATGACTGCTTTAGAACTTAGCAATGAGCTGGCAGTGCTTGCCAACATTGAGAAAGAGTTCAAGAATGACTAC
AGGAAGCTGTCTATGCAGTGCAAGGATTTCGTTGTTGGTCTCTTGGACCTCTGCAGAAACACAGAGGAAGTGG
AGGCCATCCTGAATGGGGATGCAGAGACTCGCCAGCCCGGGGACTTCGGCCGTCCAAATCTCAGCCGTTTAAA
ACTTGCTATTAAGGATGAAGTAAAAAAA**TTTGTGGCTCATCCAAACTGTCAGCAACAGCTCCTGTCCATATGG**
**TATGAGAACCTCTCTGGTTTACGGCAGCAGACCATG**<u>GCAGTGAAGTTCC</u>**TCGTGGTCCTTGCTGTTGCCATTG**
**GATTGCCCTTCCTGGCTCTCATATACTGGTGTGCTGCAGCAAG**ATGGCGAAGATATTGCCGAGACCGTT
CATGAAGTTTGTAGCACACGCAGCCTCCTTCACCATTTTCCTGGGGCTGCTCGTCATGAATGCAGCTGACAGA
TTTGAAGGCAGCAAGCTCCTCGCCTAATGAAACCAGCACAGACTAATGCAAGGCAGCTGTTCAGGATGAAAACAT
CCTGTTTTCTCATGGATGGAGATGCTCATTATATCCCTGGGTAATAGGCATGATATGGGCTGAATGTAAAGAAT
CTGGACTCAAGGCCCCAAAGAATACTTATTTGAGTTGTGGAATATGCTTGACTTTGGAATGCTGGCAATCTTT
GCAGCATCATTCATTGCAAGATTTATGGCGTTCTGGCATGCATCCAAAGCTCAGAGCATCATTGATGCAAATG
ATACTTTAAAGGATTGACAAAAGTCACACTGGGGGACAACGTTAAATACTACAATCTGGCCAGGATAAAGTG
GGACCCTACTGATCCTCAGATCATCTCTGAAGGTCTTTATGCAATCGCTGTGGTTTTAAGTTTCTCCAGAATA
GCTTACATTTTACCAGCAAATGAAAGCTTTGGACCTCTGCAGATTTCACTTGGAAGAACAGTGAAAGATATCT
TCAAATTCATGGTCATATTCATCATGGTGTTTGTAGCCTTTATGATTGGAATGTTCAACCTTTACTCCTACTA
CATTGGCGCAAAACAGAATGAAGCATTCACAACAGTTGAGGAAAGTTTTAAGACACTGTTCTGGGCTATCTTT
GGTCTTTCTGAAGTGAAGTCAGTGGTCATTAACTACAATCACAAGTTCATTGAAAACATCGGCTACGTTCTGT
ATGGTGTCTATAATGTCACAATGGTCATTGTTTGCTAAATATGTTAATTGCGATGATCAATAGTTCATTCCA
GGAAATTGAGGATGATGCGGACGTGGAGTGGAAGTTTGCAAGGGCCAAATTGTGGTTTTCCTACTTTGAGGAG
GGGAGAACACTTTCTGTGTCCCTTCAATGTTGTACCAAGTCCAAAATCGTTGCTTTATCTCGTATTGAAATTTA
AGAAATGGATGTGTGAGCTCATCCAGGGTCAAAAGCAAGGCTTCCAAGAAGATGCAGAGATGAACAAGAGAAA
TGAAGAAAAGAAATTTGGAATTTCAGGAAGTCACGGAAGACCTTTCAAAATTTTCACTTGACAAAAATCAGTTG
GCACACAACAAACAATCAAGTACAAGGAGCTCAGAAGATTATCATTTAAATAGTTTCAGTAACCCTCCAAGAC
AATATCAGAAAATTATGAAGAGACTCATTAAAAAGATATGTATTGCAGGCCCAGATTGATAAGGAGAGCGATGA
GGTGAATGAAATGGAATTGAAGGAAATTAAGCAAGATATTCAAGTCTCCGTTATGAACTCCTTGAAGAGAAA
TCACAGAACTCAGAAGACCTAGCAGAGCTCATTAGAAAACTTGGGGAGAGACTGTCGTTAGAGCCAAAGCTGG
AGGAAAGTCCTACAATAGAGCAGAGCCTTTTCAGAAGTTTATATTTATTTCTCACTTGAAGCCATATTATTTTC
TGACTTATTTTTTAAGTGTGCAATCATAAAAAGTATGTTAATTGATAACTTGGATCATTTAGAGTCCTAATAT
CAAGTTTTTTGGAGATTAAAATTTCATTGCTGAGGGTTAACAATTGTTG (SEQ. ID NO:1)
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FIGURE 3